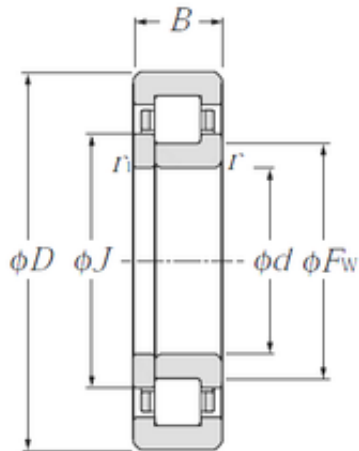




BEARING DRIVESHAFT, INC.



100 mm x 215 mm x 47 mm NTN NUP320
cylindrical roller bearings

Bearing No. NUP320

Size	100x215x47 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	47 mm
d	100 mm
Fw	129,5 mm
D	215 mm
B	47 mm
C	47 mm
r min.	3 mm
r1 min.	3 mm
J	140,5 mm
Weight	7,49 Kg
Basic dynamic load rating (C)	299 kN
Basic static load rating (C0)	335 kN
(Grease) Lubrication Speed	3 300 r/min
E	185.5 mm
F	129.5 mm
d1	140.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	0.9 kg
Dynamic load, C	299 kN
Static load, C0	335 kN

NUP320 Bearing 2D drawings and 3D CAD models



BEARING DRIVESHAFT, INC.

Fatigue limit load, Cu	35.6 kN
Nlim (oil)	3,800 rpm
Nlim (grease)	3,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring frequency, BPF0	5.34 Hz
Characteristic inner ring frequency, BRFI	7.66 Hz
da min	113 mm
dc min	143 mm
Da max	202 mm
ra max	2.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	6.45
Product Group	B04144